

this permit originally issued to Emery Energy now owned by Town Oil.

Missouri Oil and Gas Council

Form OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
for an oil well ☒ or gas well ☐

NAME OF COMPANY OR OPERATOR Town Oil Co. DATE 12/6/85  
Route 4 Padua KCS 66071  
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Everet Asjes Well number A-8 Elevation (ground) 1074

WELL LOCATION (give footage from section lines)  
165 ft. from (N) (S) sec. line 502 ft. from (E) (W) sec. line

WELL LOCATION Section 4 Township 46N Range 33W County CASS

Nearest distance from proposed location to property or lease line: 165 feet  
Distance from proposed location to nearest drilling, completed or applied for well on the same lease: 212 feet

Proposed depth. 680 Drilling contractor, name & address \_\_\_\_\_ Rotary or Cable Tools ☒ Approx. date work will start see note

Number of acres in lease: 110  
Number of wells on lease, including this well, completed in or drilling to this reservoir: \_\_\_\_\_  
Number of abandoned wells on lease: \_\_\_\_\_

If lease, purchased with one or more wells drilled, from whom purchased. Name \_\_\_\_\_ No. of Wells: producing \_\_\_\_\_  
Address \_\_\_\_\_ injection \_\_\_\_\_  
inactive \_\_\_\_\_  
abandoned \_\_\_\_\_

Status of Bond  
Single Well ☐ Amt. \_\_\_\_\_ Blanket Bond ☒ Amt. 20,000 ☒ ON FILE  
☐ ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:				Approved casing -- To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>20</u>	<u>7"</u>	<u>30#</u>	<u>no</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
<u>660'</u>	<u>2-3/8"</u>	<u>4.5</u>	<u>yes</u>				

I, the undersigned, state that I am the Partner of the Town Oil (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature Leslie Town

Permit Number: 20177

Approval Date 12/6/85

Approved By Wallace B. Hume

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council  
P.O. Box 250 Rolla, Mo. 65401

One will be returned for driller's signature

☒ Drillers log required

☒ E-logs required if run

☒ Core analysis required if run

☒ Drill stem test info. required if run

☒ Samples required

☐ Samples not required

WATER SAMPLES REQUIRED @

DEC 16 1985

MO. OIL & GAS COUNCIL

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

3/12/82

## APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR Emery Energy, Inc. DATE 4-7-81  
R. R. 1 Box 390 Osawatomie, Kansas Kansas 66064  
 Address City State

DESCRIPTION OF WELL AND LEASE																																											
Name of lease <u>Asjes, Everet</u>	Well number <u>A-8</u>	Elevation (ground) <u>1074</u>																																									
WELL LOCATION (give footage from section lines) <u>165</u> ft. from (N) <input checked="" type="checkbox"/> sec. line <u>502</u> ft. from (E) <input checked="" type="checkbox"/> sec. line																																											
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Number of acres in lease: <u>110</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>3</u> Number of abandoned wells on lease: <u>0</u>																																										
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>McGowan Drilling</u> Address <u>Mound City, Kansas</u>		No. of Wells: producing <u>1</u> inactive <u>0</u> abandoned <u>0</u>																																									
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>20,000</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED																																											
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I, the undersigned, state that I am the <u>V-President</u> of the <u>Emery Energy, Inc.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>Devon M. Hurst</u>																																											

Permit Number 20177Approval Date: 5/5/81Approved By: J.R.L. Wallace B. Hurst

Note: This Permit not transferable to any other person or to any other location.

 Remit two copies to: Missouri Oil and Gas Council  
 P.O. Box 250 Rolla, Mo. 65401  
 One will be returned for driller's signature

RECEIVED

APR 09 1981

☒ SAMPLES REQUIRED☐ SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @:

MO. OIL &amp; GAS COUNCIL

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

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## MISSOURI OIL AND GAS COUNCIL

Form OGC-5

## WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☒ Gas ☐ Dry ☐

Owner <b>Emery Energy</b>		Address <b>RR1 Box 390 Osawatomie, KS</b>	
Lease Name <b>Asjes</b>		Well Number <b>17-8</b>	<b>60064</b>
Location <b>165' FNL &amp; 502' FEL</b>		Sec. — TWP-Range or Block & Survey <b>4 46N 33W</b>	
County <b>Cass</b>	Permit number (OGC3 number) <b>20177</b>		
Date spudded <b>5-7-81</b>	Date total depth reached <b>5-8-81</b>	Date completed, ready to produce <b>5-27-81</b>	Elevation (DF, RKB, RT or Gr) feet <b>1074</b>
Total depth <b>603.0</b>	P. B. T. D. <b>598.5</b>	Elevation of casing hd. flange <b>Same as feet surface</b>	
Producing interval (s) for this completion <b>499.0 to 509.0</b>		Rotary tools used (interval) From <b>0</b> to <b>TD</b> Drilling Fluid used <b>Water &amp; Air</b>	Cable tools used (interval) From <b>done</b> to
Was this well directionally drilled? <b>NO</b>	Was directional survey made? <b>NO</b>	Was copy of directional survey filed? <b>NO</b>	Date filed
Type of electrical or other logs run (list logs filed with the State Geologist) <b>Gamma Ray Neutron / CCL</b>			Date filed <b>4/5/82</b>

## CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft)	Depth set	Sacks cement	Amt pulled
Surface	9"	10 5/8"				
Production	5 7/8"	2 1/2"		18.70	85 ~ 3	gel
				603.0		

## TUBING RECORD

## LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
1" in	1003' ft.	ft.	in	N/A"	N/A"	N/A	N/A

## PERFORATION RECORD

## ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number pounds	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
1 per	1 1/2 glass	499-501-503	Water Gel	clay - stab.
2 jt.		505-507-509	sand-	
			sand-	

## INITIAL PRODUCTION

Date of first production <b>8-15-81</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) <b>#5 Churchill Pumping—See monthly production report.</b>					
Date of test <b>None</b>	Hrs. tested <b>NA</b>	Hook size <b>NA</b>	Oil prod. during test <b>NA</b> bbls.	Gas prod. during test <b>NA</b> MCF	Water prod. during test <b>NA</b> bbls.	Oil gravity <b>26</b> API (Corr.)	
Tubing pressure <b>0</b>	Casing pressure <b>0</b>	Cal'd rate of Production per 24 hrs.	Oil <b>12</b> bbls.	Gas <b>0</b> MCF	Water <b>15</b> bbls.	Gas-oil ratio <b>0</b>	

Disposition of gas (state whether vented, used for fuel or sold): **Vented**Method of disposal of mud pit contents: **Hauled away**

CERTIFICATE: I, the undersigned, state that I am the **V-Pres** of the **Emery Energy** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

**Dennis M. Hurst**  
Signature

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APR 22 1982

Remit two copies; one will be returned

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MAY 03 1982

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APR 12 1982

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0-8 soil  
8-40 lime  
40-70 shale  
70-79 lime  
79-106 shale  
106-112 lime  
112-158 shale  
158-193 lime  
193-198 carb. shale  
198-221 lime  
221-225 carb. shale  
225-236 lime (hertha)  
236-238 shale  
238-248 lime  
248-344 shale  
344-350 sand  
350-370 shale  
370-386 sand  
386-400 shale  
400-420 sand  
420-423 shale  
423-428 lime  
428-430 carb. shale  
430-450 sand  
450-460 shale  
460-466 lime  
466-471 carb. shale  
471-528 sand  
528-620 shale TD